

BDR WASTE PFI
BDR MANAGER ANNUAL UPDATE REPORT

SEPTEMBER 2018 – OCTOBER 2018

1.0 Governance

1.1 Resources

1.1.1 The post of BDR Senior Contract Officer has been filled

1.1.2 The BDR CELO is providing support to RMBC to assist with the engagement of residents in the new service on a consultancy basis. In order to ensure there is no impact on the BDR community engagement work an assistant CELO has been appointed.

2.0 Contract Delivery

2.1 Bolton Road

1.1.1 Table 1 contains the information about the number of tonnes delivered and processed to October 2018. The forecast tonnage will be adjusted quarterly, to better reflect the anticipated outturn and minimise adjustments at the annual reconciliation.

Table 1 – Year to date tonnes processed 1 April 2018 to 31 October 2018

		<u>Inputs</u>	2017/18	April	May	June	July	August	Sep	Oct	YTD 2018/19
		Contract Waste (Limbs)									
Barnsley	A	(Household)	52561	4262	4854	4324	4129	4655	3926	4387	30538
	B	(Commercial)	5322	422	478	438	455	406	423	482	3104
	C	(HWRC)	5287	550	515	447	438	461	426	415	3252
	D	(Public Highways etc)	1138	98	96	89	94	99	85	87	648
	E	(Grounds Maintenance)	0	0	0	0	0	0	0	0	0
Doncaster	A	(Household)	67476	5596	6023	5776	5312	5994	5342	5553	39596
	B	(Commercial)	9128	676	663	555	415	461	468	542	3780
	C	(HWRC)	8294	778	719	643	605	649	603	563	4560
	D	(Public Highways etc)	0	0	0	0	0	0	0	0	0
	E	(Grounds Maintenance)	0	0	0	0	0	0	0	0	0
Rotherham	A	(Household)	57499	4900	5187	4684	4752	4919	4349	4991	33783

	B	(Commercial)	3524	294	324	294	305	266	282	318	2083
	C	(HWRC)	8209	726	610	532	523	566	501	470	3928
	D	(Public Highways etc)	0	0	0	0	0	0	0	0	0
	E	(Grounds Maintenance)	0	0	0	0	0	0	0	0	0
	<i>Limbs A&B Sub-Total</i>		195509	16151	17529	16071	15368	16702	14791	16273	112884
BDR	A	(Household)	177536	14758	16064	14784	14193	15568	13617	14931	103916
	B	(Commercial)	17974	1392	1465	1287	1175	1133	1173	1342	8968
	C	(HWRC)	21790	2054	1844	1622	1566	1676	1530	1448	11740
	D	(Public Highways etc)	1138	98	96	89	94	99	85	87	648
	E	(Grounds Maintenance)	0	0	0	0	0	0	0	0	0
	Total		218,437	18,303	19,468	17,782	17,029	18,476	16,406	17,808	125,272

1.1.2 The above table breaks down the input tonnages by authority and waste streams.

Table 2 - Third Party Waste Year to date 1 April 2018 to 31 October 2018

<u>Inputs</u>	2017/18	April	May	June	July	August	Sep	Oct	YTD 2018/19
Renewi Derby	14034	985	532	620	852	1288	1058	2229	7564

1.1.3 Table 2 shows the third party waste tonnage, this is municipal waste from the sub-contractors other contract.

Table 3 – Performance Year to Date from 1 April 2018 to 31 October 2018

	2017/18	April	May	June	July	August	Sep	Oct	YTD 2018/19
Landfill	9973	447	410	1129	458	325	485	376	3631
Recovery (RDF + Moisture)	183275	15215	17904	16088	16665	15430	14293	15686	111281
Ferrous	2297	138	186	183	175	115	137	111	1046
Non-Ferrous	379	34	41	37	31	41	22	19	225
Fines	11040	661	1184	1118	1071	563	338	812	5747
Glass & Stone	4552	-	-	48	26	143	221	323	761
Plastic	6902	295	470	291	356	742	764	538	3455
Direct Delivered	106	0	0	0	0	0	0	0	0
<i>Recycling Sub-Total</i>	25277	1129	1881	1677	1659	1603	1483	1801	11234
Ferrybridge Metals	2134	193	220	194	205	195	175	192	1372
AWM-Recycling	284	0	0	0	0	0	0	0	0

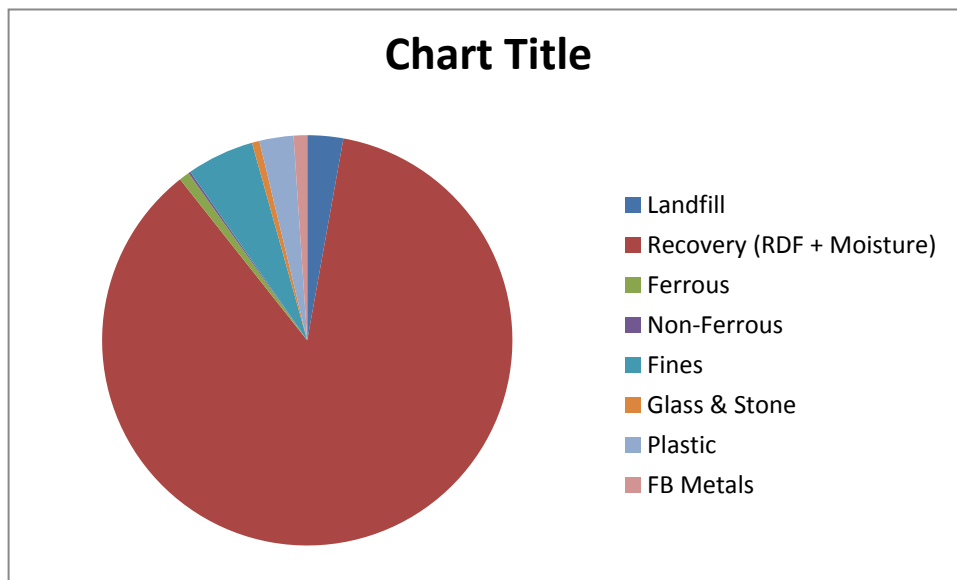
Fines CLO Uplift	2067	124	222	209	201	105	63	152	1076
<i>Recycling Total</i>	29762	1446	2322	2080	2064	1903	1721	2145	13682
Outbound Total	218525	16792	20195	18895	18782	17359	16261	17864	126146
Recycling (%)	15.14%	8.95%	13.25%	12.94%	13.43%	11.39%	11.64%	13.18%	12.12%
Diversion (%)	95.35%	89.30%	101.62%	99.91%	107.60%	92.14%	96.16%	98.20%	97.80%
Moisture Loss (%)		29.24%	30.39%	30.80%	30.19%	28.99%	30.38%	30.60%	

2.1.4 Following a poor start in recycling output in April, the contract recycling rate was 13.18% in September and the YTD recycling figure currently stands at 12.12%.

Table 4 - Contract Outputs

Item	Tonnes	%
Landfill	3631	2.90%
Recovery (RDF + Moisture)	111281	88.83%
Ferrous	1046	0.93%
Non-Ferrous	225	0.20%
Fines	6823	6.04%
Glass & Stone	761	0.67%
Plastic	3455	3.06%
FB Metals	1372	1.22%

Figure 1 – Contract Outputs



1.1.4 N.B. The above figures are unaudited and subject to change. Landfill diversion is calculated by total waste diverted from landfill divided by the total waste delivered.

1.1.5 It should be noted that the average monthly figure for material to landfill from April 2018 to October 2018 is 4.86% or 95.14% diversion from landfill.

1.2 Complaints

Flies

2.2.1 Only 1 fly complaint was received in early September from a local resident. Internal fly numbers continued to fall throughout the period with no fly complaints received in October. All action points from the EA relating to the fly management plan have been closed with the exception of the collection of fly count data.

Odour

2.2.2 There was 2 odour complaint received from a local resident in October, the property was visited by a Renewi staff member and accompanied by a representative from the Council. No odours were identified at the time of the visit.

Table 5 - Fly complaints by month

Month	April	May	June	July	August	Sep	Oct	Total YTD
Number	3	5	49	10	8	1	0	76

2.3 Fire Protection Improvements

2.3.1 The Fire Improvement Works project is currently in the design phase with 2 contractors selected to develop detailed designs. Delays in the design phase will result in some slippage on the commencement of on-site installation works and it is anticipated the install will now start in early January 2019.

2.4 Fines Clean Up

2.4.1 The CLO clean-up project work was completed in September 2018. Some minor blockages of the zig zag screen were witnessed in October. Cleaning frequencies have been amended to alleviate fines material build up in the screen. Lab tests to ascertain glass content in the fines continued throughout the month with an average of glass content >2mm running below 0.4% against a target of 2%.

2.5 Grange Lane

- 2.5.1 An independent survey has been completed for the fixed electrical wiring at BTS, which were found to be satisfactory and a certificate issued. Work is ongoing to procure a contractor for the roof.
- 2.5.2 An independent survey of the floor area has been completed to determine the correct solution and discussions are underway regarding the cost-sharing basis for this.

2.6 Health and Safety

- 2.6.1 There were 8 Be Aware Safety (BOS) audits conducted during September and October. These are site based audits concentrating on operator behaviour in the work place. As part of the surveys, close call identification and behavioural audits are undertaken in selected areas of the site, these were completed in AD, Compactor area and Waste Reception.
- 2.6.2 The inaugural Renewi Health and Safety week was held at all UK sites from 17th to 21st September. Safety workshops, training and exercises were held throughout the week involving staff from all departments. The key areas of focus were manual handling and traffic management.

Table 6 – Compliance from April 2018 to October 2018

2018/19	Close Call	Accident less than 3 days	Accident more than 3 days	Non RIDDOR dangerous occurrence	RIDDOR dangerous occurrence	RIDDOR more than 7 day injury	Major RIDDOR	Environmental
April	27	0	0	0	0	0	0	1
May	39	0	0	1	0	0	0	0
June	45	4	0	1	0	0	0	0
July	111	2	0	1	0	0	0	0
Aug	93	2	0	5	0	0	0	1
Sep	93	0	0	2	0	0	0	0
Oct	67	1	0	1	0	1	0	0
YTD Total	475	9	0	11	0	1	0	2

Please note: close calls are not incidents; they are where staff have made an observation of something that has the potential to cause an accident. Reporting close calls allows action to be taken before an accident occurs and is a positive indicator of the efforts being made to improve health and safety.

3.0 Legal

- 3.1.1 Discussions on the impact of RMBC service changes on the recycling target are ongoing and are expected to be finalised by November 2018.

4.0 Financial

Table 7 - Operational Management Budget 2018/19

Contract Manager detail	Data			
	Sum of Spend to date	Sum of Total Forecast 2018/19	Sum of Budget 2018-19	Sum of Variance 2018/19
Administration	3,854	21,411	22,765	-1,354
Call off Finance	0	0	1,120	-1,120
Call off Legal	30,646	56,060	66,897	-10,837
Call off Technical	0	0	0	0
External Finance	9,011	17,011	30,000	-12,989
External Legal	0	36,782	50,000	-13,218
External Technical	0	19,860	24,850	-4,990
Management	59,739	108,882	117,075	-8,193
HWRC Project	0	0	0	0
Insurance Advisors	0	0	0	0
Grand Total	103,249	260,005	312,707	-52,702

3.1.2 The budget includes costs for the HWRC procurement exercise, the modelling of potential Council collection changes and a review of the Fire Improvement Works at site, due diligence on the Fire Improvement Works, negotiation of changes and on-going work on Operational savings.

3.1.3 The underspend is due in part to the delay in the recruitment of the Senior Contracts Officer.

5.0 Communications

5.1 Community Education and Liaison Officer (CELO)

3.1.4 The CELO continues to compile case studies for the current work being undertaken with landlords across Barnsley, Doncaster and Rotherham.

3.1.5 The CELO is to assist with the publication and implementation of the South Yorkshire Waste Strategy throughout 2018-19.

3.1.6 The spring and autumn 2018 compositional analysis sampling have been completed.

5.1.5 Script, a Barnsley firm have completed the first design of the South Yorkshire Waste Strategy.

5.1.6 The CELO has completed the Recycle Week campaign and is collating the post campaign review.

5.1.7 Appendix 1 contains the minutes from the last Community Liaison Group (CLG) Meeting on 16 July 2018.

6.0 Resources

3.1.7 The BDR Partnership Team Compliance Officer left in October 2017 as he had secured a better post with another authority. The BDR Project Administrator has taken on some extra duties to assist the BDR Manager and the recruitment process is complete.

3.1.8 There is additional support as required from a legal locum, and internal and external technical and financial advisors for more complex matters.

7.0 Waste Compositional Analysis

7.1.1 Phase 1 and 2 of the 2018/19 Waste Compositional Analysis have been completed.

8.0 HWRC Procurement

8.1.1 The HWRC procurement has been completed and mobilisation is underway.

9.0 Glossary of Terms

Term	Definition
3SE	The name for the partnership between Shanks Group plc and Scottish & Southern Energy plc.
A2A (formerly Ecodeco)	Italian company who research, design, construct, and manage plant and equipment for the disposal of waste.
Anaerobic Digestion (AD)	A series of biological processes in which micro-organisms break down biodegradable material in the absence of oxygen. One of the end products is biogas, which is combusted to generate electricity and heat.
Compositional Analysis	Waste Composition Analysis is a study that provides essential information about the weight and type of each component waste material that is in any given waste stream. It firstly involves obtaining representative samples of these waste streams, then manually hand sorting into various pre-defined sort categories using the correct methodology, which are then weighed in each individual fractions in align with Waste Data Flow (WDF) municipal reporting each waste stream has its own European Waste Code (EWC).
Department for Environment, Food and Rural Affairs (DEFRA)	The UK government department responsible for policy and regulations on environmental, food and rural issues.
Environment Agency (EA)	An executive non-departmental public Body responsible to the Secretary of State for Environment, Food and Rural Affairs for issues affecting the

	environment.
FCC Environment	One of the UK's leading waste and resource management companies.
Ferrybridge Multifuel 1 (FM1)	Multifuel Energy Ltd. (MEL) operates a new £300 million multifuel plant on land owned by SSE at Ferrybridge 'C' Power Station near Knottingley in West Yorkshire. This project is called Ferrybridge Multifuel 1 (FM1)
Household Waste Recycling Centre (HWRC)	A civic amenity site (CA site) or household waste recycling centre (HWRC) is a facility where the public can dispose of household waste and also often containing recycling points.
Joint Waste Board (JWB)	The Statutory Committee comprising Portfolio Holders and Senior Officers with responsibility for waste.
Liaison Committee	Review the Waste Management contract in operation, seek out future development opportunities and to review the operational year identifying any learning points and advise the Joint Waste Board of any corrective action requirements
Mechanical Biological Treatment (MBT)	A type of waste processing facility that combines a sorting facility with a form of biological treatment such as composting or anaerobic digestion. MBT plants are designed to process mixed household waste as well as commercial and industrial wastes.
Private Finance Initiative (PFI)	Mechanism for creating "public-private partnerships" (PPPs) by funding public infrastructure projects with private capital.
Refuse Collection Vehicle (RCV)	The collection of rubbish and waste, usually in a rubbish or refuse truck, before final disposal.
Renewi UK Services	The new trading name for Shanks Waste Management.
Solid Recovered Fuel (SRF)	A fuel produced by shredding and dehydrating solid waste (MSW) with a

	waste converter technology.
SSE plc (formerly Scottish and Southern Energy plc)	A British energy company headquartered in Perth, Scotland.
Waste Infrastructure Credits	Awarded by DEFRA to incentivise local authorities to develop infrastructure to treat waste as an alternate to landfill.
Waste Transfer Station (WTS)	Facilities where municipal solid waste is unloaded from collection vehicles and briefly held while it is reloaded onto larger long-distance transport vehicles for shipment to landfills or other treatment or disposal facilities.

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